

Monday, Aug. 20, 2018 - Agenda Schedule

08:00		Badging & Continental Breakfast	
08:30	S-1	Welcome and Introductions	Caroline Ryan Wu, Xilinx A & D
08:35	S-2	Overview: XRTC & the 2018 Annual Meeting	Gary Swift, Swift ERS
08:55	S-3	Presentation Introductions	Jim Devereaux, Xilinx FAE
		Session A: Test Results	
09:00	A1	V7 : Overview & LET Assignments	Gary Swift, Swift ERS
09:20	A2	US : NEPP Results, Mishaps, & Plans	Melanie Berg, (NASA/GSFC)
09:40	A3	V7 : Clocking Resources *	Kevin Wray, Boeing
10:00	A4	US+ & US : Proton Upset Results	Valeri Kirischian, MDA/Maxan
10:20		BREAK	
		Session B: Projects and Missions	
10:40	B1	Methods for Permanent Fault Handling in FPGAs	Florian Rittner, Friedrich-Alexander-Universität
11:00	B2	Los Alamos FPGAs-in-Space Experience *	Heather Quinn, LANL
		Session C: Infrastructure: Hardware and Boards	
11:20	C1	Overview: XRTC Gen4 CTI Apparatus	Gary Swift, Swift ERS
11:40	C2	Using COTS Test Apparatus	Joe Marshall, BAE
		Session T: Topics of Interest	
12:00	T1	FPGAs-in-Space: Infrequently Asked Questions	Eric Crabill, Xilinx
12:30		LUNCH	
		Session C: Infrastructure: Hardware and Boards	
13:20	C3	Details: Gen4 Test Boards	Gary Swift, Swift ERS
13:40	C4	XRTC Common Test Infrastructure Boards	Neil Sampson, STS
		Session E: Ecosystem	
14:00	E1	Space Eval KU060 Platform	Adam Smith, Alpha-Data
14:20	E2	Exhaustive Formal Verification: EDACed State	Mark Eslinger, Mentor Graphics
14:40	E3	RapidIO IP for Space FPGAs	Kent Dahlgren, Praesum Communications
		Session D: Test Planning	
15:00	D1	KU060 Campaign Overview	Gary Swift, Swift ERS
15:20		BREAK	
15:40	D2	SEL Suppression w/ US+	Eliot Glaser, NGC
		Session T: Topics of Interest	
16:00	T2	TMR: Removing Common Mode Fail Points	Prof. Mike Wirthlin, BYU
16:20	T3	Terrestrial Upsets, Rosetta, and FPGA Scaling	Austin Lesea, Swift ERS
		Session F: Infrastructure: Software, IP, & Methodology	
16:40	F1	Overview: XRTC Test Methodologies	Gary Swift, Swift ERS
17:00	F2	Mitigation Testing – Tri-flux Methodology	Gary Swift, Swift ERS
17:20		--- END of Day 1 ---	